

Nikoloz Oniani

Personal information

Contact Details

Full name: Nikoloz Oniani

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Gender: Male

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Citizenship: საქართველო
(Georgia)

Country: საქართველო (Georgia)

City: Tbilisi

Languages

Language	Writing	Reading	Speaking
English	B2	C1	B2
Russian	C1	C2	C1
ქართული (Georgian)	C2	C2	C2

Education

Academic degree

Academic Degree: Doctoral/PhD, Ed.D or other equivalent

Year obtained: 22.01.1992

Education

Academic Degree	Name of the Institution	Country	Major discipline	Start year	End year
Master/MS, MA, MR, MBA, m.Ed or other equivalent	Tbilisi State University	საქართველო (Georgia)	Biophysics	1973	1978
Doctoral/PhD, Ed.D or other equivalent	I.Beritashvily Institute of Physiology	საქართველო (Georgia)	Biology		1992

Projects

Ongoing projects

Project title	Position	Project head	Start Date	Donor
Daytime sleepiness and performance from adolescence to young adulthood - new insights into the mixed evidence	Project coordinator	Nato Darchia	19.12.2023	Shota Rustaveli National Scientific Foundation of Georgia
Stress-induced Disruption of Sleep: a Role for Corticotropin Releasing Factor	Researcher	Irma Gvilia	22.02.2019	SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA

Completed projects

Project title	Position	Project head	Start Date	End Date	Donor
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Project title	Position	Project head	Start Date	End Date	Donor
Summer school - Multidisciplinary Event "Advances in Neuroscience"	Key personnel	Lali Shanshiashvili, Nato Darchia	2.08.2022	7.08.2022	Shota Rustaveli National Scientific Foundation of Georgia
Developmental trajectories of sleep EEG and executive functioning measures in typically developing and ADHD children - implications for brain maturation	Key personnel	Nato Darchia	19.12.2017	19.12.2020	Shota Rustaveli National Scientific Foundation of Georgia
Critical Periods in Postnatal Development of Sleep-Wake Behavior: New Insights into Mechanisms of Maturation of Sleep Homeostasis	Key personnel	Irma Gvilia	01.01.2013	01.09.2016	Shota Rustaveli National Science Foundation
Valorisation Grant - Knowledge based partnership for development of sleep medicine research platform and promotion of sleep science in Georgia - IZ74Z0_137415	Key personnel	Katerina Espacervena Swiss Coordinator	01/10/2011	30.09.2014	Swiss National Science Foundation
New animal model of depression: evaluation of possible supremacy of muscarinic cholinergic system hypersensitivity	Key personnel	Nato Darchia	01.09.2009	31.05.2011	Research and Technology Center in Ukraine and Georgian National Scientific Foundation
Search of the novel therapeutic approaches to the treatment of insomnia and other sleep disorders: identification of neuronal targets of the therapy	Key personnel	Irma Gvilia	01.01.2008	31.12.2010	Georgian National Scientific Foundation
Novel methods for correction of disorders in brain functions induced by depression and antidepressants treatment	Key personnel	Manana Nemsadze	01.01.2000	01.01.2003	International Scientific Technical Center in Moscow

Scientific Fields (2018-2020)

Main Field

Field: 3. Medical and health sciences

Sub-Field: 3.1 Basic medicine

Subject area: 3.1.4 Neurosciences (including psychophysiology)

Additional Field (1)

Field: 1. Natural sciences

Sub-Field: 1.6 Biological sciences

Subject area: 1.6.14 Other biological topics

Scientific Fields (2021-2024)

Main Field

Field: 2. Life Sciences

Sub-Field: 2.5 Neuroscience and Disorders of the Nervous System

Subject area: 2.5.8 Neural basis of behaviour

Employment History

Current place(s) of employment

Workplace	Name of the work department	Position	Main responsibilities	Start Date
Ilia State University	Faculty of Natural Sciences and Engineering; Tengiz Oniani Laboratory of Sleep-Wakefulness Study	Full Professor; Director	Researching, Teaching, Managing of Research Center	05.04.2018

Work experience

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
Ilia State University	Faculty of Natural Sciences and Engineering; Tengiz Oniani Laboratory of Sleep-Wakefulness Study	Associate Professor; Director	Researching, Teaching, Managing of Research Center	01.09.2009	01.04.2018
I. Beritashvili Institute of Physiology	Laboratory of Sleep-Wakefulness Cycle Neurobiology	Laboratory assistant - Researcher - Head of Laboratory	Research	01.09.1977	31.12.2010

Scientific Productivity

Patents

Patent name	Issuing organization	Registration number	Year of Issue
Useful Model: «A Way for the Improvement of Human Mood and Life Quality»	Georgian National Intellectual Property Center - 'SAKPATENT', Georgia	U 922 2002	2002

Article / Monograph / Manual

Type	Authors	Publication title	Source title	Year
Article	Basishvili T, Oniani N, Sakhelashvili I, Eliozishvili M, Khizanashvili M, Arabidze M, Tsaava M, Charekishvili T, Tsertsvadze N, Darchia N.	Insomnia, Pre-Sleep Arousal, Psychosocial Factors and Changes in Sleep Pattern during the Second Wave Lockdown of the COVID-19 Pandemic in Georgia	Brain Sciences. 2022; 12(1):17	2022
Article	I. Sakhelashvili, I. Campbell, T. Basishvili, M. Eliozishvili, T. Tchintcharauli, N. Oniani, S. Khaburzanian, T. Shetekauri, I. Feinberg, N. Darchia	Longitudinal assessment of sleep structure and executive functions in typically developing children and drug-naïve children diagnosed with ADHD	SleepMedicine,2022,100, 199-200	2022
Article	N. Darchia, I. Campbell, T. Basishvili, M. Eliozishvili, T. Tchintcharauli, N. Oniani, I. Sakhelashvili, I. Feinberg	Sleep electroencephalogram evidence of delayed brain maturation in attention deficit hyperactivity disorder: a longitudinal study	Sleep45(9), zsacl63	2022
Article	M. Tsaava, N. Oniani, M. Eliozishvili, I. Sakhelashvili, N. Tkemaladze, T. Aladashvili, T. Basishvili, N. Darchia	Age-Based Differences in Sleep Quality, Pre-Sleep Arousal, and Psychosocial Factors during the Second Wave Lockdown of the COVID-19 Pandemic in Georgia—A Higher Vulnerability of Younger People	Int. J. Environ. Res. Public Health 2022,19(23),16221	2022
Article	Darchia, N., Campbell, I. G., Basishvili, T., Eliozishvili, M., Tchintcharauli, T., Oniani, N., Sakhelashvili, I., Shetekauri, T., Oniani, T., Feinberg, I.	Longitudinal assessment of NREM sleep EEG in typically developing and medication-free ADHD adolescents: first year results	Sleep Medicine, 2021, 80, 171–175	2021
Article	Basishvili T, Oniani N, Sakhelashvili I, Eliozishvili M, Khizanashvili M, ArabidzeM, Tsaava M, Charekishvili T, Tsertsvadze N, Darchia N.	Insomnia, Pre-Sleep Arousal, Psychosocial Factors and Changes in Sleep Pattern during the Second Wave Lockdown of the COVID-19 Pandemic in Georgia.	Brain Sciences	2021
Article	T. Basishvili; M. Eliozishvili; T. Oniani; T. Tchintcharauli; I. Sakhelashvili; N. Oniani; I.G. Campbell, I. Feinberg; N. Darchia	NREM sleep EEG in typically developing and drug-naïve ADHD adolescents: data from a longitudinal study	SLEEP, 2020, 43, A124	2020
Article	T. Basishvili; M. Eliozishvili; L. Maisuradze; N. Lortkipanidze; T. Tsuladze; N. Oniani; N. Darchia	The effects of different length of displacement on the war-related stress induced health outcomes in internally displaced persons in Georgia	European Neuropsychopharmacology, Volume 29, Supplement 6, 2019, S543	2019
Article	N. Darchia; T. Tchintcharauli; T. Basishvili; M. Eliozishvili; N. Oniani; T. Oniani Jr.; I.G. Campbell; I. Feinberg	Sleep and cognitive functions in typically developing and drugnaïve ADHD children	European Neuropsychopharmacology, Volume 29, Supplement 6, 2019, S375-S376	2019

Type	Authors	Publication title	Source title	Year
Article	I. Feinberg; N. Darchia; T. Basishvili; M. Eliozishvili; N. Oniani; T. Tchintcharauli; I. Sakhelashvili; T. Oniani Jr.; IG. Campbell; I. Feinberg	Sleep EEG as an index of brain maturation in typically developing and drug-naïve ADHD children	IBRO Reports 6 (2019), S484	2019
Article	Oniani T., Shetekauri T., Tsaava M., Khmiadashvili N., Charekishvili T., Khachaturovi E., Lortkipanidze N., Oniani N.	Study of incompletely learned active avoidance task in rats.	Georgian Nat. Acad. Sci., Biomed. Series 2018, vol. 44, No 3-4, pp 253 – 262	2018
Article	Irine Sakhelashvili, Marine Eliozishvili, Nikoloz Oniani, Nato Darchia, Olivero Brunie	Sleep and Psycho-Behavioral Problems in Internally Displaced Children in Georgia	Sleep Medicine	2018
Article	N. Darchia, M. Eliozishvili, L. Maisuradze, N. Lortkipanidze, T. Basishvili, T. Tsuladze, N. Oniani	Sleep, stress and psychological distress in internally displaced persons in Georgia	Proc. Georgian Acad. Sci., Biol. Ser.	2018
Article	Darchia, N.; Oniani, N.; Sakhelashvili, I.; Supatashvili, M.; Basishvili, T.; Eliozishvili, M.; Maisuradze, L.; Cervena, K.	Relationship between Sleep Disorders and Health Related Quality of Life—Results from the Georgia SOMNUS Study	Int. J. Environ. Res. Public Health	2018
Article	Sakhelashvili, I., Eliozishvili, M., Lortkipanidze, N., Oniani, N., Cervena, K and Darchia, N.	Sleep Quality among Internally Displaced Georgian Adolescents and Population-Based Controls	Journal of Child health Care	2016
Article	Sakhelashvili, I., Eliozishvili, M., Basishvili, T., Datunashvili, M., Oniani, N., Cervena, K and Darchia, N.	Sleep-wake Patterns and Sleep quality in urban Georgia	Translational Neuroscience	2016
Article	Lortkipanidze N., Chidjavadze E., Oniani N., Darchia N., Gvilia I.	Sleep-Waking Behaviour Following a Lesion in the Median Preoptic Nucleus.	Georgian Medical News	2009
Article	Gogichadze M., Mgaloblishvili-Nemsadze M., Oniani N., Emukhvari N., Basishvili T.	Endogenous opioid system and ethanol.	Georgian Medical News	2009
Article	Oniani T., Maisuradze L., Lortkipanidze N., Mgaloblishvili-Nemsadze M., Oniani L., Eliozishvili M., Oniani N.	About Possibility of Selective and Complete Paradoxical Sleep Deprivation with Nonpharmacological Method.	Bull. of the Georgian Nat. Acad. of Sciences	2008
Article	Gogichadze M., Oniani N., Mgaloblishvili-Nemsadze M., Emukhvari N., Lortkipanidze N., Babilodze M., Chkhartishvili E., Mchedlidze O., Basishvili T., Datunashvili M., Kandelaki R., Chogovadze I., Oniani T.	Cognitive Deficit in the Animal Model of Depression.	Bull. of the Georgian Nat. Acad. of Sciences	2008
Article	Oniani T., Gvetadze L., Manjavidze Sh., Oniani N., Eliozishvili M.	Dynamics of Neuronal Activity of the parietal associative zones of the cat cerebral cortex in sleep-wakefulness cycle.	Bull. of the Georgian Nat. Acad. of Sciences	2007

Participation in scientific events

Scientific event name	Title of the presentation	Event venue	Year
32nd European Congress of Neuropsychopharmacology	Sleep and cognitive functions in typically developing and drug-naïve ADHD children	Copenhagen, Sweden	2019
23rd Congress of the European Sleep Research Society	Why sleep matters: association between sleep and psychological distress in Georgian Internally displaced population	Bologna, Italy	2016
22nd Congress of the European Sleep Research	Sleep and health related quality of life in Georgian population	Tallin, Estonia	2014
5th World Congress on Sleep Medicine	Excessive daytime sleepiness and the risk for obstructive sleep apnea in Georgian population	Valencia, Spain	2013